PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yongjun Zhao	08/07/2013
David C. Seets	09/03/2013
Mark Ostrowski	08/09/2013

RECEIVING PARTY DATA

Name:	Seagate Technology LLC
Street Address:	10200 South De Anza Boulevard
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14019903

CORRESPONDENCE DATA

Fax Number: 9528542722

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 952 854 2700 Email: tdotter@hdpatlaw.com Correspondent Name: Hollingsworth Davis

Address Line 1: 8500 Normandale Lake Blvd

Suite 320 Address Line 2:

Address Line 4: Minneapolis, MINNESOTA 55437

ATTORNEY DOCKET NUMBER:	STB.106.A1
NAME OF SUBMITTER:	Stephen F. Wolf
Signature:	/Stephen F. Wolf/

REEL: 031150 FRAME: 0918

PATENT

Date:	09/06/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=DEC-STB106A1#page1.tif source=DEC-STB106A1#page2.tif source=DEC-STB106A1#page3.tif	

PATENT REEL: 031150 FRAME: 0919

Attorney Docket No.: STB.106.A1 Seagate Docket No.: STL17820.00US

COMBINED DECLARATION AND ASSIGNMENT

WH	IEREAS, Yongjun Zhao of 865	5 Shepherd Way, Eden Prairie, MN	N 55347; David C. Seets of 36375 Edgewood
Roa	ad, Excelsior, MN 55331; and N	Mark Ostrowski of 21235 Honeycor	mb Way, Lakeville, MN 55044, are the inventors
of a	in invention entitled APPARAT	US INCLUDING ELECTRICAL LA	P GUIDE AND METHODS OF USING THE
SAI	ME that is the subject matter of	: (check all that apply)	
	,	()	
	a provisional application for Le	etters Patent which is identifiable in	the United States Patent and Trademark Office
		filed on	
\boxtimes	an application for Letters Pate	nt which is identifiable in the Uniter	d States Patent and Trademark Office by
			and/or executed on even date
	herewith: and	***************************************	AND
		Letters Patent filed pursuant to the	e Patent Cooperation Treaty which is
			Nofiled on
	· and	l/or executed on even date herewit	:h:
	management of the first of the	Oxfordia on over date nerown	ss 1 •

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 10200 S. De Anza Blvd, Cupertino, CA 95014 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

PATENT Rev: 10/18/2012

REEL: 031150 FRAME: 0920

Attorney Docket No.: STB.106.A1 Seagate Docket No.: STL17820.00US

Yongjun Zhao (Inventor)

State of Minnesota)

personally appeared Yongjun Zhao (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



David C. Seets (Inventor)

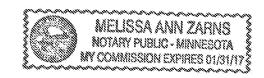
State of Minnesota)

personally appeared David C. Seets (Inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



Attorney Docket No.: STB.106.A1 Seagate Docket No. :STL17820.00US

Mark Optrowski (Inventor)
Date
State of Minnesota)
County of Hennepin
On Avg. 9, 20/3 before me, MOISSA AVAS NOTARY (insert name and title of the officer)
personally appeared Mark Ostrowski (inventor), who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of Minnesota that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature // Signature of Notary Public Nota

RECORDED: 09/06/2013

PATENT Rev: 10/18/2012 **REEL: 031150 FRAME: 0922**